Applicant Copy

INFORMATION DISCLOSURE STATEMENT BY APPLICANT FORM PTO-1449	Attorney Docket No.: **Mirus.42.02**	Serial No.: **10/765,668**
	Applicant: **David B. Rozema, Darren Wakefield**	Group: 1636
		Examiner: Jennifer Dunston

U.S. PATENT DOCUMENTS

Exmnr Intl	Seq	Patent Number	Issue Date	Patentee	Class	Sub Class	Filing Date

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		Document Number	Publication Date	Country or Patent Office	Class	Sub Class	Transl. yes	Transl. no

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, etc.)

GD		Akhtar S et al. "Interactions of antisense DNA oligonucleotide analogs with phospholipid membranes liposomes." Nucleic Acids Res; 1991 Vol. 19 no. 20 pp. 5551-5559.
GD		Akhtar S et al. "The delivery of antisense therapeutics." Adv Drug Deliv Rev; 2000 Vol. 44 no. 1 pp. 3-21.
GD		Audouy S et al. "Cationic lipid-mediated transfection in vitro and in vivo." Mol Membr Biol; 2001 Vol. 18 no. 2 pp. 129-143.
GD		Berg T et al. "Physiological functions of endosomal proteolysis." Biochem J; 1995 Vol. 307 no. 2 pp. 313-326.
GD		Borszeky K et al. "Enantioselective hydrogenation of [α],[β]-unsaturated acids. Substrate-modifier interaction over cinchonidine modified Pd/Al2O3." Tetrahedron Asymmetry; 1997 Vol. 8 no. 22 pp. 3745-3753.
GD		Carrasco L "Entry of animal viruses and macromolecules into cells." FEBS Lett; 1994 Vol. 350 no. 2-3 pp. 151-154.
GD		Cheung CY et al. "A pH-sensitive polymer that enhances cationic lipid-mediated gene transfer." Bioconjug Chem; 2001 Vol. 12 no. 6 pp. 906-910.
GD		Danko I et al. "High expression of naked plasmid DNA in muscles of young rodents." Hum Mol Genet; 1997 Vol 6 no. 9 pp. 1435-1443
GD		Ghosh C et al. "Intracellular delivery strategies for antisense phosphorodiamidate morpholino oligomers." Antisense Nucleic Acid Drug Dev; 2000 Vol. 10 no. 4 pp. 263-274.
GD		Giles RV et al. "Antisense morpholino oligonucleotide analog induces missplicing of C-myc mRNA." Antisense Nucleic Acid Drug Dev; 1999 Vol. 9 no. 2 pp. 213-220.
GD		Heasman J et al. "Beta-catenin signaling activity dissected in the early Xenopus embryo: a novel antisense approach." Dev Biol; 2000 Vol. 222 no. 1 pp. 124-34.
GD		Hope MJ et al. "Cationic lipids, phosphatidylethanolamine and the intracellular delivery of polymeric, nucleic acid-based drugs." Mol Membr Biol; 1998 Vol. 15 no. 1 pp. 1-14.
GD		Kang SH et al. "Up-regulation of luciferase gene expression with antisense oligonucleotides: implications and applications in functional assay development." Biochemistry; 1998 Vol. 37 no. 18 pp. 6235-6239.
		Kyriakides TR et al. "pH-sensitive polymers that enhance intracellular drug delivery in vivo." J Control Release; 2002 Vol. 78 no. 1-3 pp. 295-303.
		Lackey CA et al. "Hemolytic Activity of pH-Responsive Polymer-Streptavidin Bioconjugates." Bioconjugate Chem; 1999 Vol. 10 no. 3 pp. 401.
GD		Lackey et al. "A biomimetic pH-responsive polymer directs endosomal release and intracellular delivery of an endocytosed antibody complex." Bioconjug Chem. 2002 Vol. 13 No. 5 pp. 996-1001.

Jennifer Dunston 11/12/05

		Lai MZ et al. "Effects of replacement of the hydroxyl group of cholesterol and tocopherol on the thermotropic behavior of phospholipid membranes." Biochemistry; 1985 Vol. 24 no. 7 pp. 1646-1653.
		Lai MZ et al. "Acid- and calcium-induced structural changes in phosphatidylethanolamine membrane stabilized by cholesteryl hemisuccinate." Biochem 1985 Vol. 25 pp. 1654-1661.
		Maeda H et al. "Mechanism of tumor-targeted delivery of macromolecular drugs, including the EPR effect in solid tumor and clinical overview of the prototype polymeric drug SMANCS." J Control Release; 2001 Vol. 74 pp. 47-61
		Mukherjee S et al. "Endocytosis." Physiol Rev; 1997 Vol. 77 no. 3 pp. 759-803.
		Murthy N et al. "The design and synthesis of polymers for eukaryotic membrane disruption." J Control Release 1999 Vol. 61 pp. 137-143.
		Nasevicius A et al. "Effective targeted gene 'knockdown' in zebrafish." Nat Genet; 2000 Vol. 26 no. 2 pp. 216-220.
		Oda T et al. "Facilitated internalization of neocarzinostatin and its lipophilic polymer conjugate, SMANCS, into cytosol in acidic pH." J Natl Cancer Inst; 1987 Vol. 79 no. 6 pp. 1205-1211
		Plank C et al. "Application of membrane-active peptides for drug and gene delivery across cellular membranes." Adv Drug Deliv Rev 1998 Vol. 34 no. 1 pp. 21-35.
		Plank C. et al. "The influence of endosome-disruptive peptides on gene transfer using synthetic virus-like gene transfer systems." J Biol Chem 1994 Vol. 269 No. 17 pp. 12918-12924.
		Robaczewska MS et al. "Inhibition of hepadnaviral replication by polyethylenimine-based intravenous delivery of antisense phosphodiester oligodeoxynucleotides to the liver." Gene Ther; 2001 Vol. 8 no. 11 pp. 874-881.
		Skehel JJ et al. "Receptor binding and membrane fusion in virus entry: the influenza hemagglutinin." Annu Rev Biochem; 2000 Vol. 69 pp. 531-569.
		Summerton J et al. "Morpholino antisense oligomers: design, preparation, and properties." Antisense Nucleic Acid Drug Dev; 1997 Vol. 7 no. 3 pp. 187-195.
		Wolff JA et al. "Direct gene transfer into mouse muscle in vivo." Science 1990 Vol. 247 pp. 1465-1468.
		Zuber G et al. "Towards synthetic viruses." Adv Drug Deliv Rev; 2001 Vol. 52 no. 3 pp. 245-253.

Examiner:	Date Considered:
Jennifer Dunston	11/2/05